

PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/630,969
Filing Date	07/31/2003
First Named Inventor	DAVID L O'MEARA
Art Unit	2812
Examiner Name	
Attorney Docket Number	071469-0303535

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
DL	1	US-	6,197,641 B1	03-06-2001	HERGENROTHER et al.	
	2	US-	6,090,723	07-18-2000	THAKUR et al.	
	3	US-	5,817,581	10-06-1998	BAYER et al.	
	4	US-	5,334,281	08-02-1994	DOERRE et al.	
	5	US-	5,264,396	11-23-1993	THAKUR et al.	
	6	US-	2001/0031562 A1	10-18-2001	RAAIJMAKERS et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (If known)				
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Examiner
Signature

DL

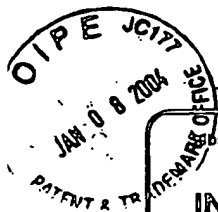
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PTO/SB/08b(05-03)

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		Application Number	10/630,969		
		Filing Date	07/31/2003		
		First Named Inventor	DAVID L O'MEARA		
		Art Unit	2812		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	071469-0303535

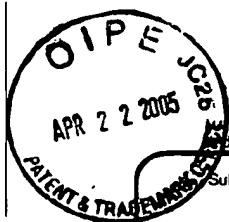
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
De	A	LIU, H.I. ET AL., "Self limiting oxidation for fabricating sub-5nm silicon nanowires," Appl. Phys. Letter, American Institute of Physics, Vol. 64 (No. 11), p. 1383-1385, (March 11, 1994).	
	B	LIU, H.I. ET AL., "Self-limiting oxidation of Si nanowires," J.Vac. Sc. Technol. B, American Vacuum Society, Vol. 11 (No. 6), p. 2532-2537, (Nov/Dec 1993).	
	C	FUKUDA, HIROSHI ET AL., "Fabrication of silicon nanopillars containing polycrystalline silicon/insulator multilayer structures," Appl. Phys. Lett., American Institute of Physics, Vol. 70 (No. 3), p. 333-335, (January 20, 1997).	
	D	ROY, P.K., "Gate Dielectrics," p. 276-289.	

Examiner Signature	Dh	Date Considered	Jan-06
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(Use as many sheets as necessary)

Sheet

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of

1

Complete if Known

Application Number	10/630,969
Filing Date	07/31/2003
First Named Inventor	DAVID L O'MEARA
Art Unit	2812
Examiner Name	Renee Berry
Attorney Docket Number	071469-0303535

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
Dlc	1	US-	6,258,731 B1	07-10-2001	ANDO	
	2	US-	2001/0102859 A1	08-01-2002	YOO	
	3	US-	5,296,412	03-22-1994	OHSAWA	
	4	US-	2002/111001 A1	08-15-2002	AHN et al.	
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Date
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Jan-2006

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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/630,969		
		Filing Date	07/31/2003		
		First Named Inventor	DAVID L O'MEARA		
		Art Unit	2812		
		Examiner Name	Renee Berry		
Sheet	1	of	1	Attorney Docket Number	071469-0303535

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	I	J. DERRIEN, "SiO ₂ Ultra Thin Film Growth Kinetics as Investigated by Surface Techniques," Surface Science, North-Holland Publishing Company, pp. 32-46, (June 1982).	
	II	C. RAISIN ET AL., "Work Function Measurements During Growth of Ultra Thin Films of SiO ₂ on Characterized Silicon Surfaces," Solid-State Electronics, Pergamon Press Ltd., Vol. 27 (No. 5), pp. 413-417, (May 1984).	
	III	MAHISHA KUNDU ET AL., "Effect of oxygen pressure on the structure and thermal stability of ultrathin Al ₂ O ₃ films on Si (001)," Journal of Applied Physics, American Institute of Physics, Vol. 91 (No. 1), pp. 492-500, (January 1, 2002).	

Examiner Signature		Date Considered	Jan-06
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